

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
 Data File : BN004832.D
 Acq On : 20 Mar 2019 22:53
 Operator : JU/SJ
 Sample : PB118052BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118052BS

Manual Integrations
 APPROVED

Sohil
 3/25/2019 8:49:54 AM

Quant Time: Mar 21 09:13:30 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 20 16:06:20 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1492	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	6536	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	4248	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	11001	0.40	ng	0.00
27) Chrysene-d12	21.29	240	15323	0.40	ng	0.00
34) Perylene-d12	23.54	264	17097	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.29	112	1540	0.38	ng	0.00
5) Phenol-d6	6.88	99	1866	0.37	ng	0.00
8) Nitrobenzene-d5	8.87	82	1575	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	4552	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	961	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	7086	0.40	ng	0.00
25) Fluoranthene-d10	19.13	212	14142	0.38	ng	0.00
29) Terphenyl-d14	19.73	244	12578	0.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	629	0.371	ng	97
3) n-Nitrosodimethylamine	3.58	42	324	0.323	ng	95
6) bis(2-Chloroethyl)ether	7.14	93	1771	0.389	ng	96
9) Naphthalene	10.54	128	7325	0.400	ng	99
10) Hexachlorobutadiene	10.81	225	1451	0.415	ng	# 98
12) 2-Methylnaphthalene	12.16	142	5487	0.403	ng	100
16) Acenaphthylene	14.06	152	8056	0.368	ng	100
17) Acenaphthene	14.40	154	5724	0.399	ng	99
18) Fluorene	15.39	166	7932	0.397	ng	100
20) 4-Bromophenyl-phenylether	16.28	248	2813	0.391	ng	100
21) Hexachlorobenzene	16.39	284	3356	0.408	ng	99
22) Pentachlorophenol	16.76	266	652m	0.405	ng	
23) Phenanthrene	17.13	178	14050	0.396	ng	99
24) Anthracene	17.23	178	11923	0.376	ng	100
26) Fluoranthene	19.16	202	17820	0.390	ng	99
28) Pyrene	19.53	202	18362	0.393	ng	100
30) Benzo(a)anthracene	21.28	228	18998	0.378	ng	99
31) Chrysene	21.33	228	21946	0.415	ng	99
32) Bis(2-ethylhexyl)phthalate	21.18	149	7711	0.384	ng	100
33) Indeno(1,2,3-cd)pyrene	25.81	276	31235	0.408	ng	100
35) Benzo(b)fluoranthene	22.86	252	25291	0.409	ng	100
36) Benzo(k)fluoranthene	22.91	252	23940	0.393	ng	99
37) Benzo(a)pyrene	23.44	252	22306	0.393	ng	100
38) Dibenzo(a,h)anthracene	25.82	278	25686	0.391	ng	100
39) Benzo(g,h,i)perylene	26.52	276	25883	0.387	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

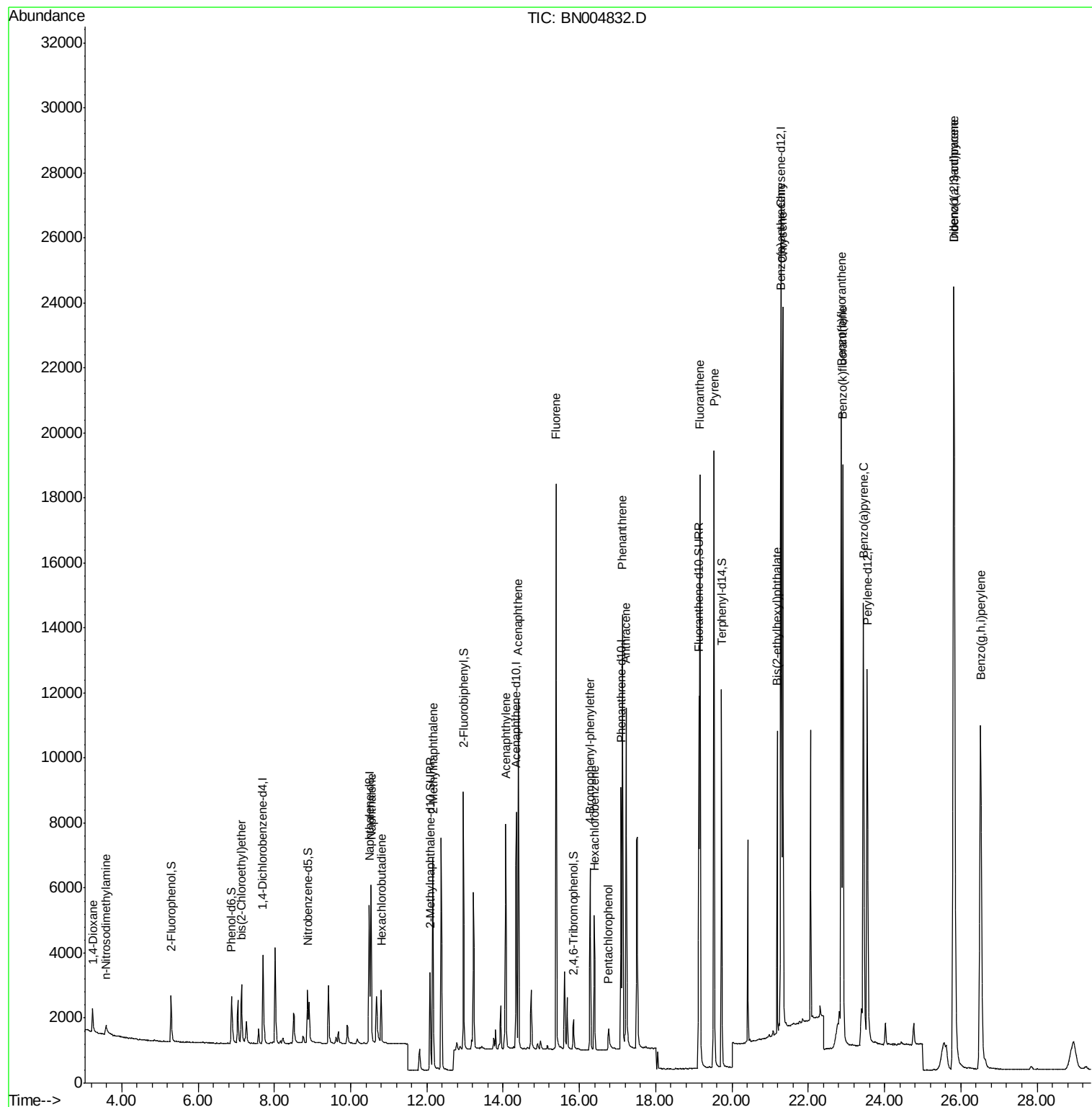
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
Data File : BN004832.D
Acq On : 20 Mar 2019 22:53
Operator : JU/SJ
Sample : PB118052BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

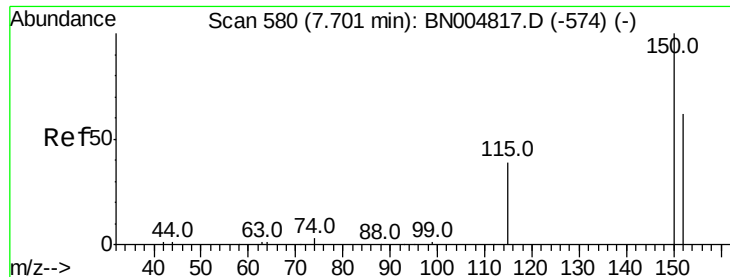
Instrument :
BNA_N
ClientSampleId :
PB118052BS

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3/25/2019 8:49:54 AM

Quant Time: Mar 21 09:13:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
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#1

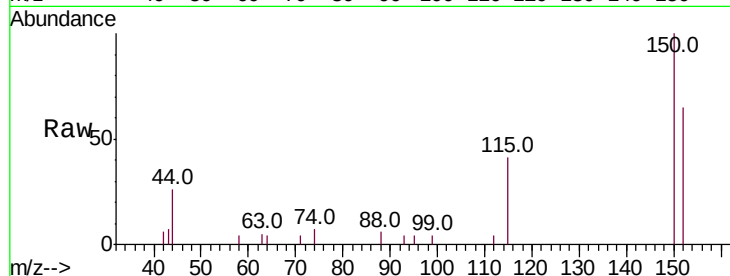
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.2	189.4
115	63.1	52.6	79.0

Manual Integrations
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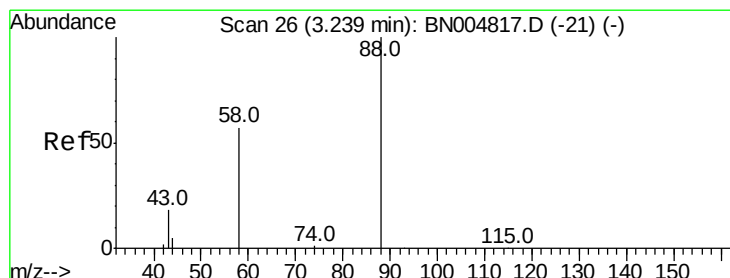
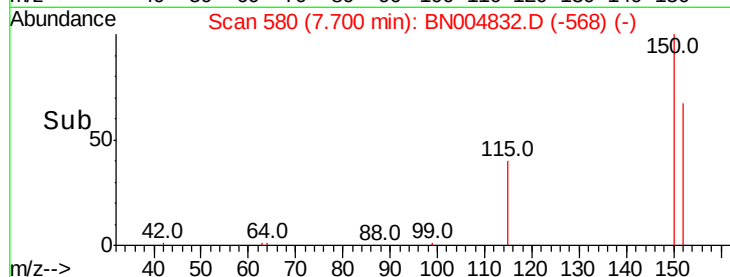
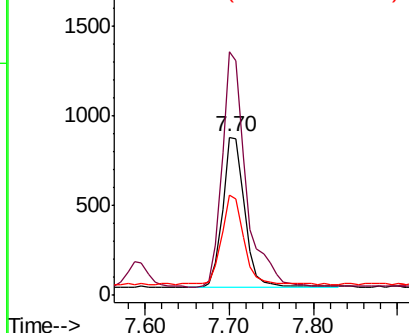


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

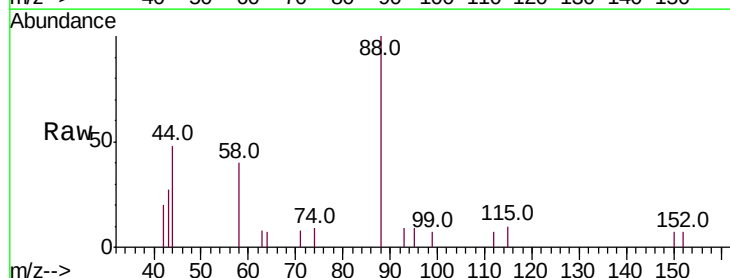
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.371 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.3	51.4	77.2
43	23.2	20.0	30.0

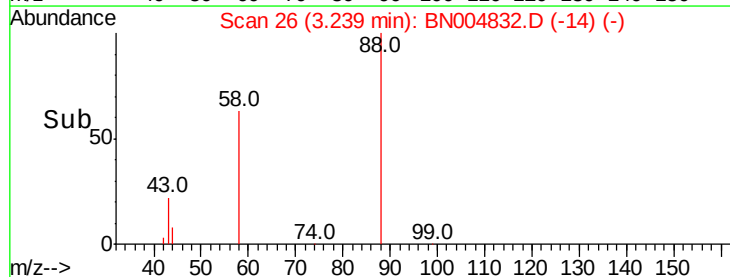
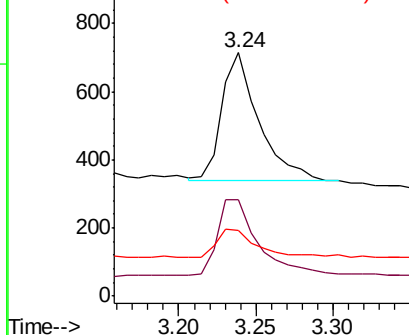


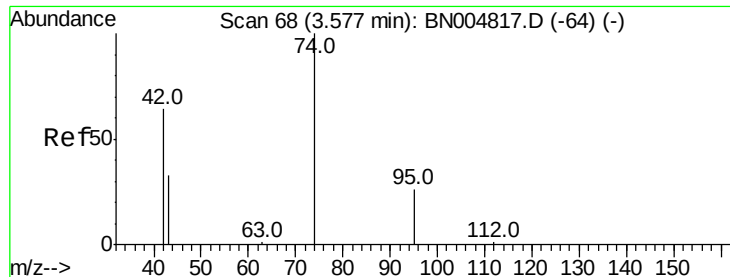
Abundance

Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

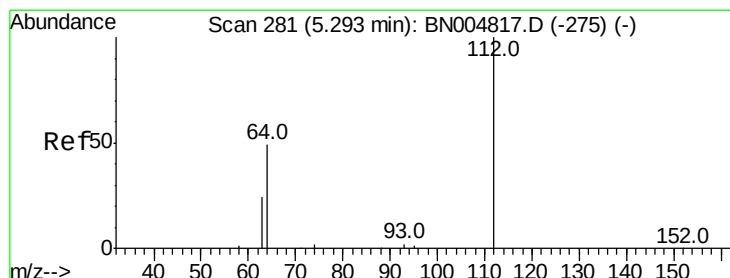
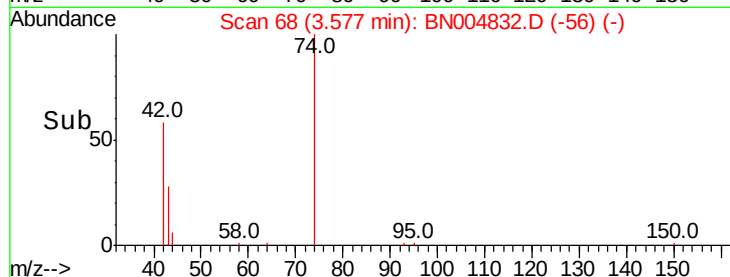
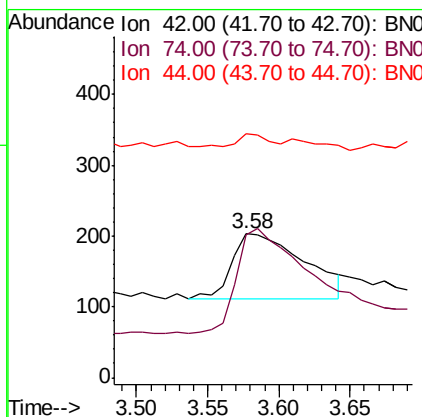
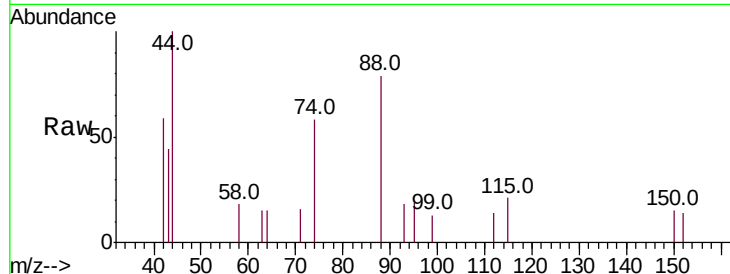
n-Nitrosodimethylamine
 Concen: 0.323 ng
 RT: 3.58 min Scan# 68
 Delta R.T. -0.00 min
 Lab File: BN004832.D
 Acq: 20 Mar 2019 22:53

Instrument :
 BNA_N
 ClientSampled :
 PB118052BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	154.0	128.4	192.6
44	7.1	6.1	9.1

Manual Integrations
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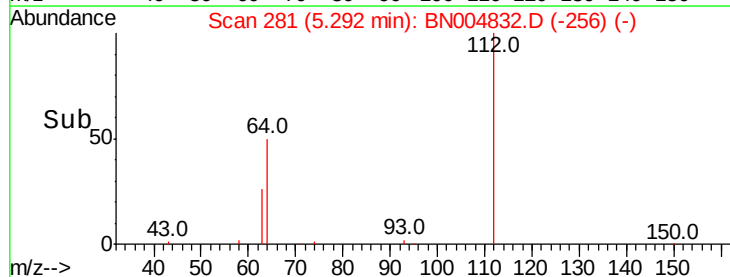
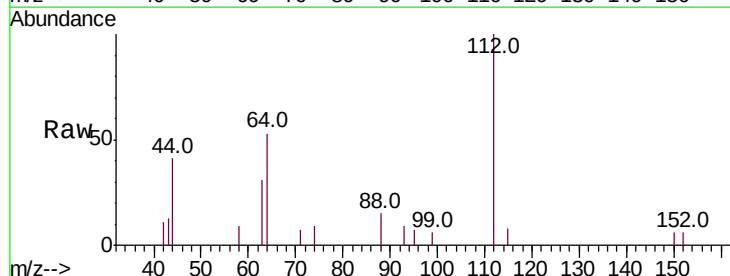
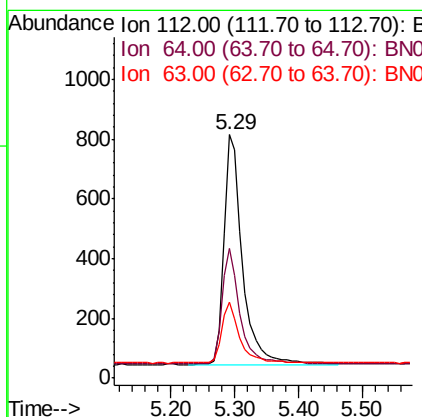
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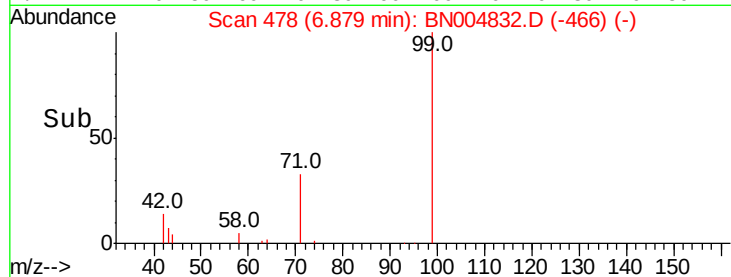
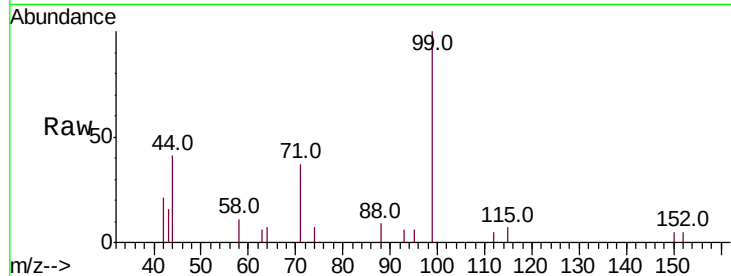
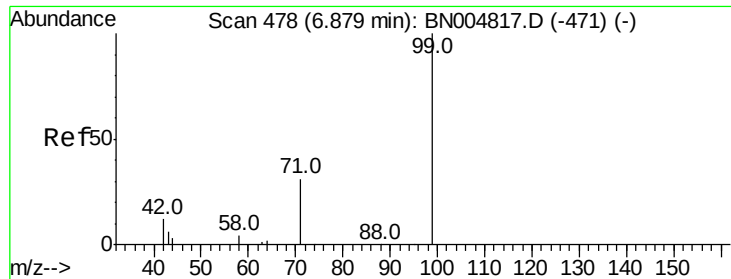


#4

2-Fluorophenol
 Concen: 0.380 ng
 RT: 5.29 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: BN004832.D
 Acq: 20 Mar 2019 22:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.4	40.0	60.0
63	25.1	20.2	30.2





#5

Phenol-d6

Concen: 0.370 ng

RT: 6.88 min Scan# 478

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Tot Ion:	99	Resp:	1866
Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.7	19.1
71	31.8	26.6	40.0

Instrument :

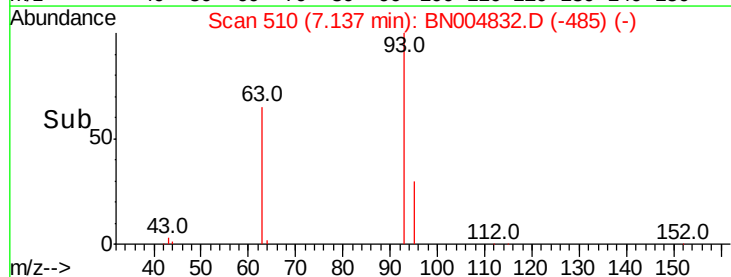
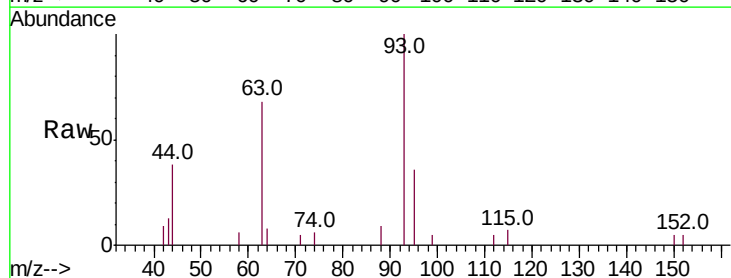
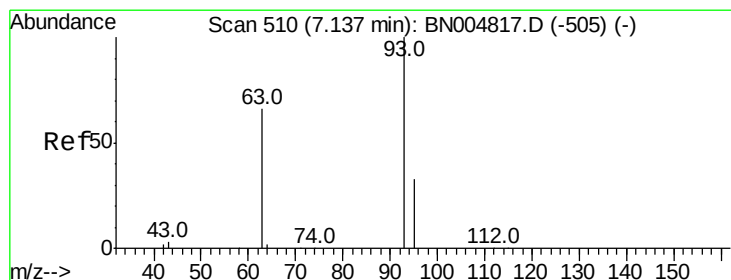
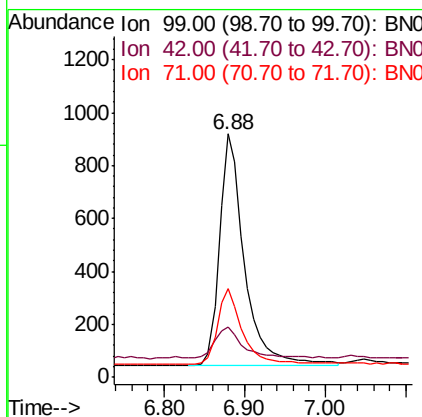
BNA_N

ClientSampleId :

PB118052BS

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.389 ng

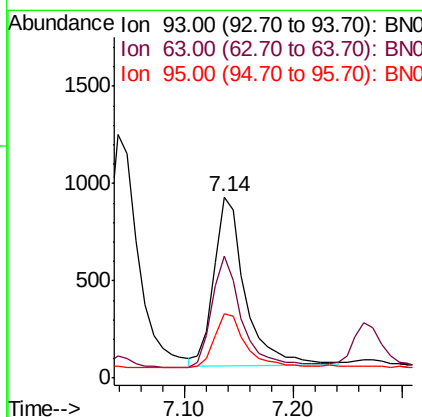
RT: 7.14 min Scan# 510

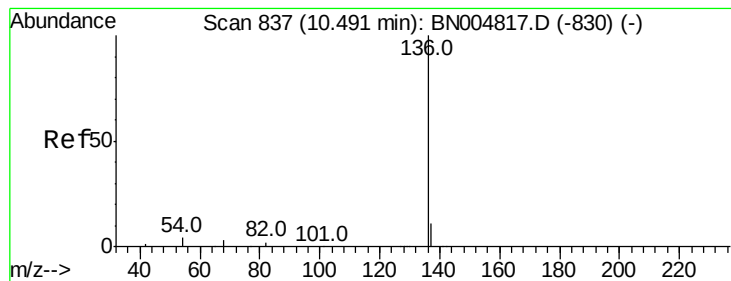
Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Tgt Ion:	93	Resp:	1771
Ion	Ratio	Lower	Upper
93	100		
63	61.9	52.6	78.8
95	31.7	25.9	38.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.49 min Scan# 837

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

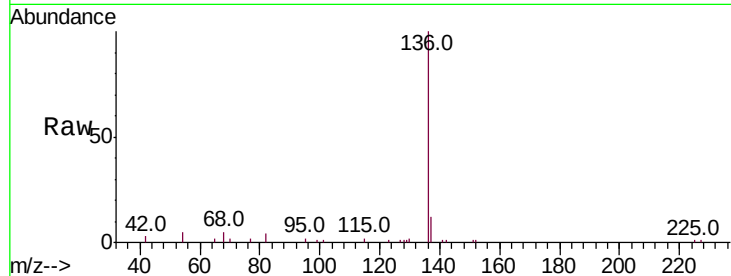
ClientSampled :

PB118052BS

Tot Ion:	136	Resp:	6536
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.6	14.4
54	5.3	4.2	6.2
68	4.7	3.9	5.9

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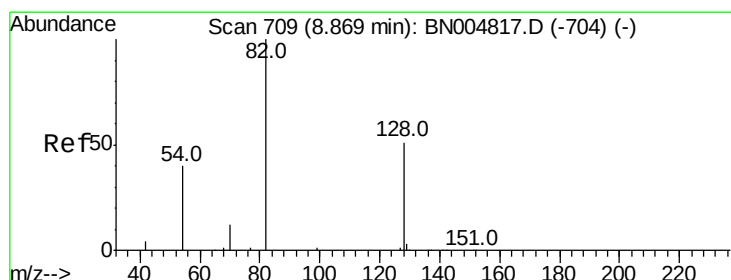
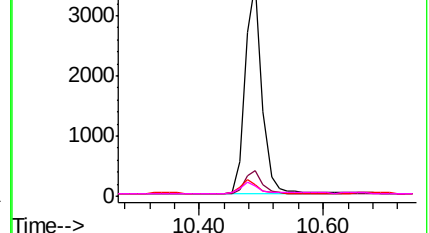
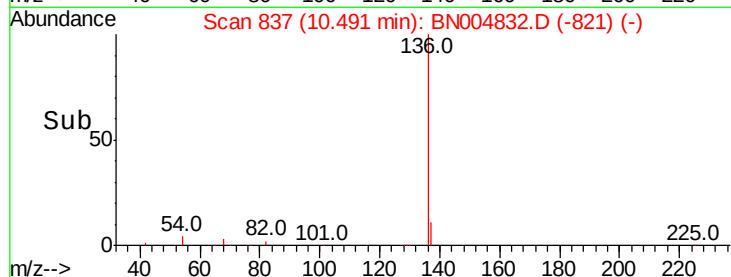


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.364 ng

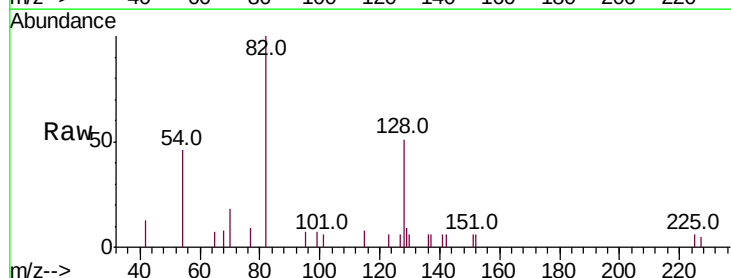
RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

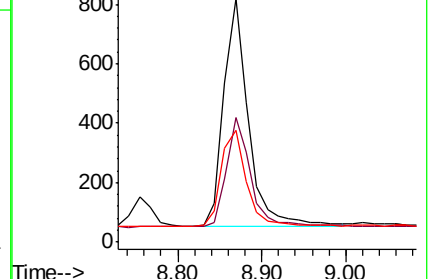
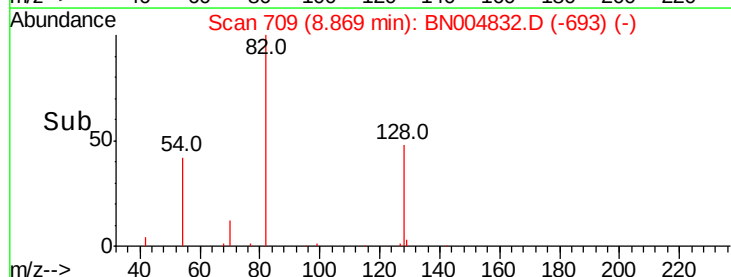
Tgt Ion:	82	Resp:	1575
Ion Ratio	Lower	Upper	
82	100		
128	50.9	43.0	64.6
54	45.8	35.3	52.9

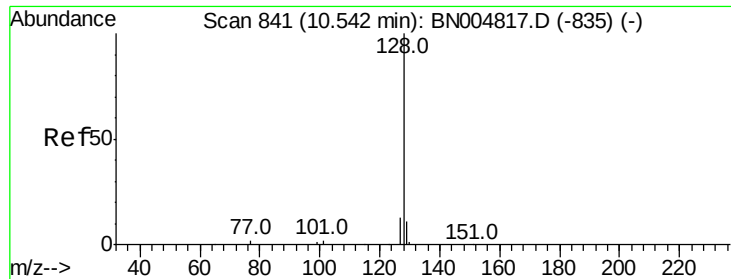


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.400 ng

RT: 10.54 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

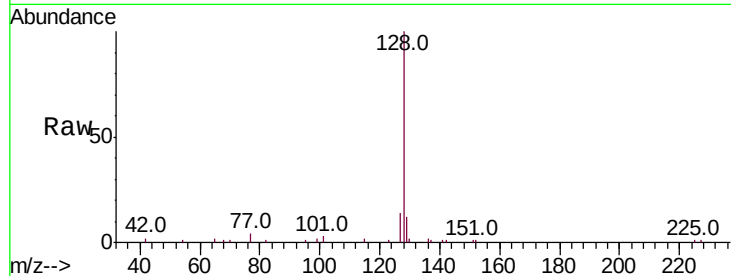
ClientSampleId :

PB118052BS

Tot Ion:	128	Resp:	7325
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.9	14.9
127	14.1	11.3	16.9

Manual Integrations
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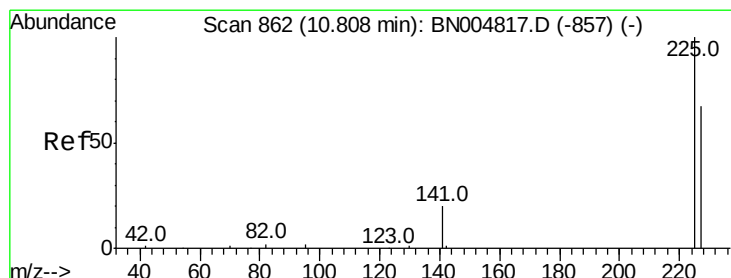
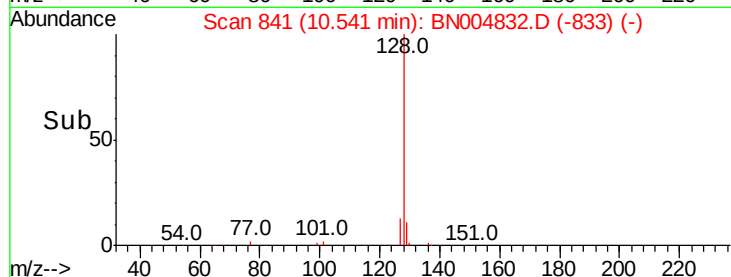
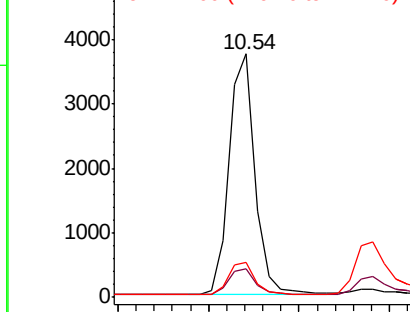


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.415 ng

RT: 10.81 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

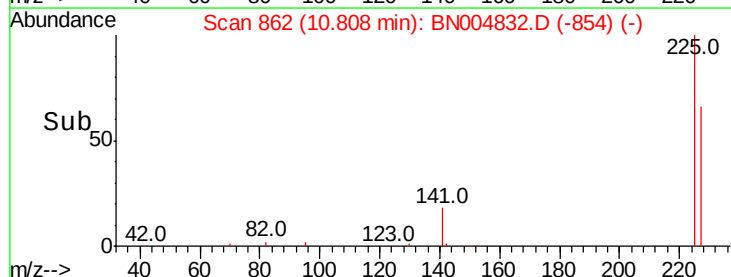
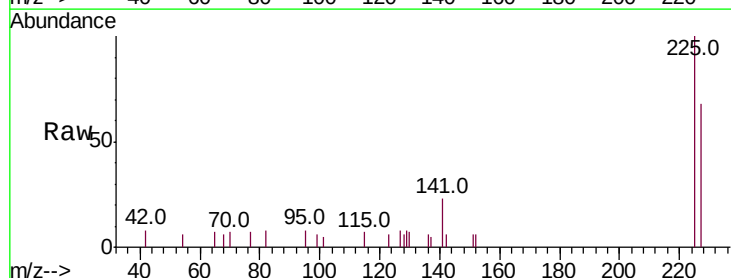
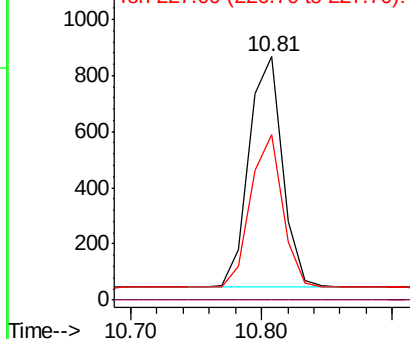
Tgt Ion:	225	Resp:	1451
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.0	52.2	78.4

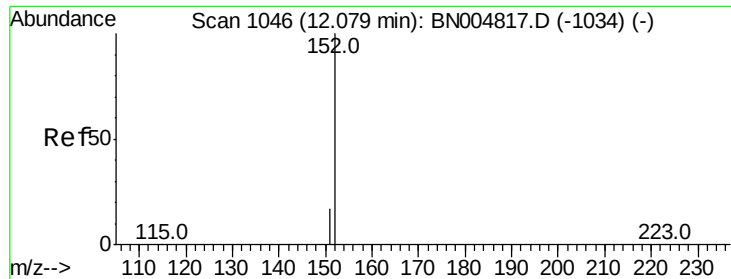
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





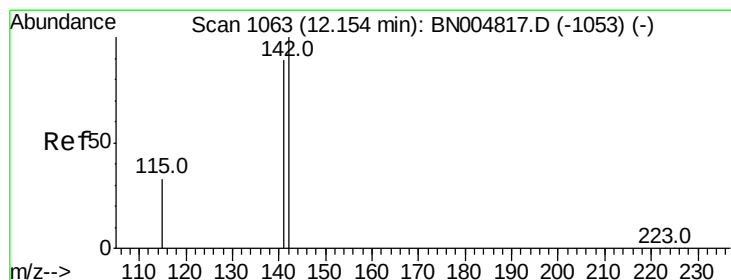
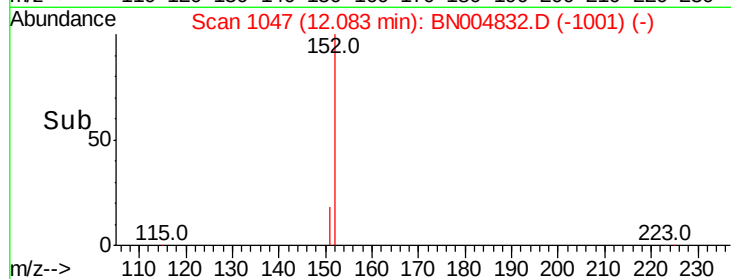
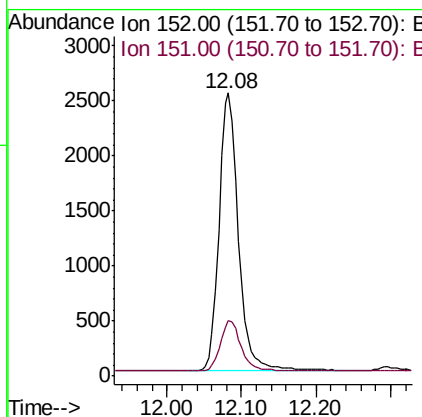
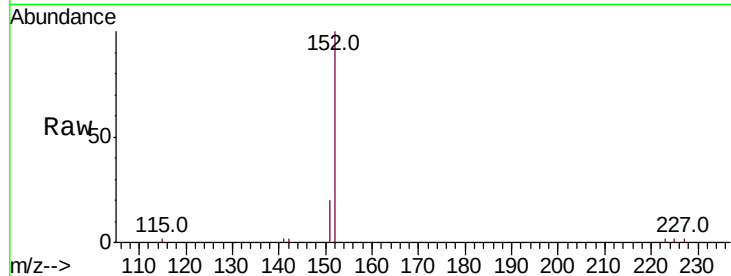
#11
 2-Methylnaphthalene-d10
 Concen: 0.399 ng
 RT: 12.08 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BN004832.D
 Acq: 20 Mar 2019 22:53

Instrument :
 BNA_N
 ClientSampleId :
 PB118052BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3

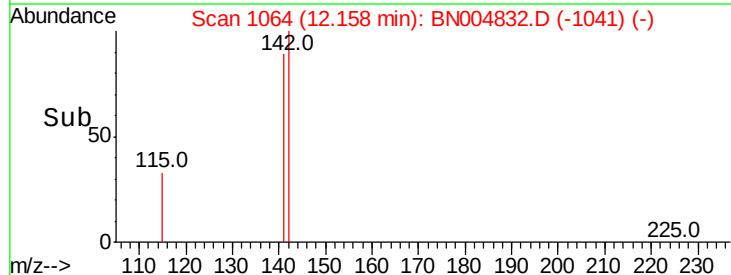
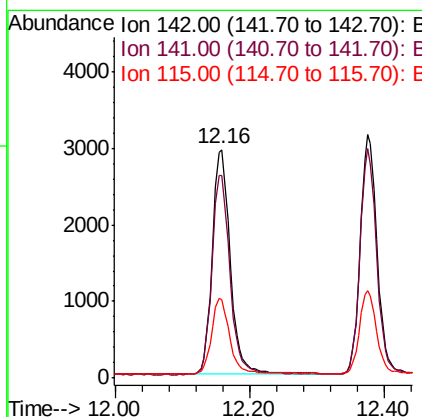
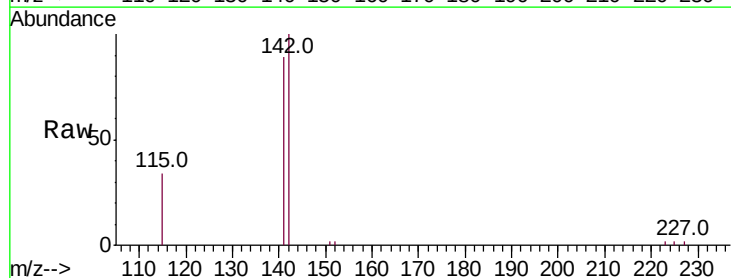
Manual Integrations
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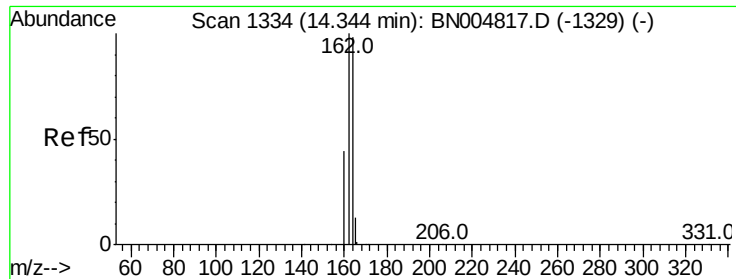
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#12
 2-Methylnaphthalene
 Concen: 0.403 ng
 RT: 12.16 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BN004832.D
 Acq: 20 Mar 2019 22:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.2
115	34.2	27.5	41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

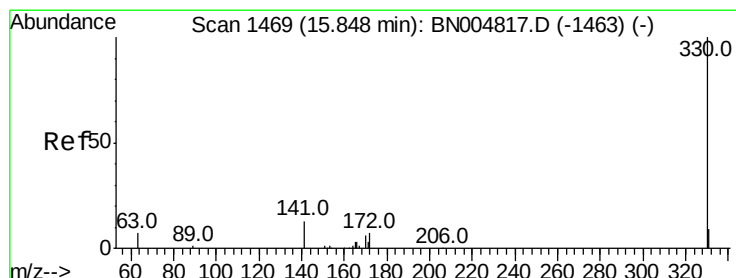
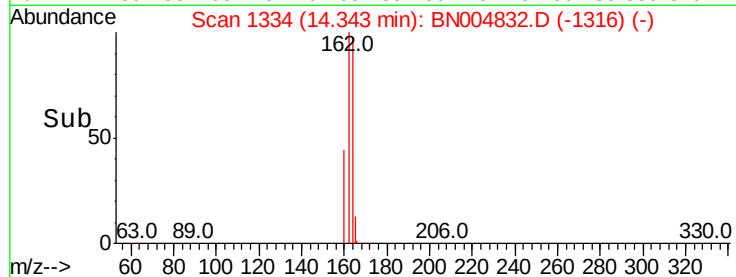
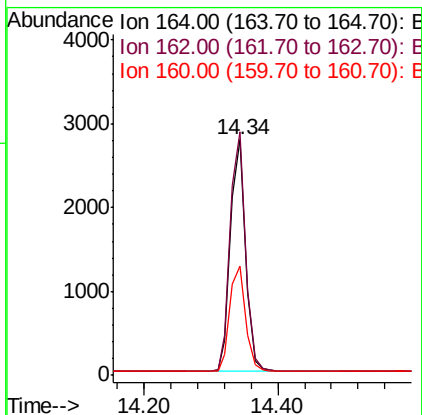
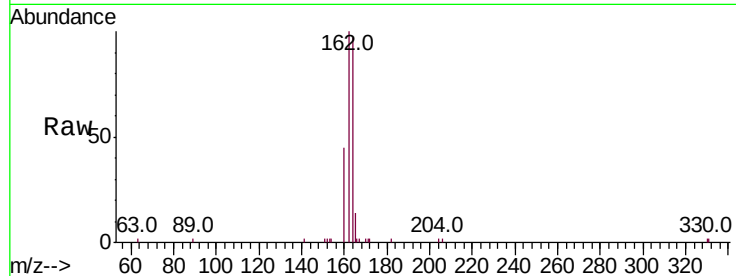
ClientSampleId :

PB118052BS

Tot Ion:	164	Resp:	4248
Ion Ratio	Lower	Upper	
164	100		
162	103.5	81.9	122.9
160	46.5	36.6	54.8

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#14

2,4,6-Tribromophenol

Concen: 0.328 ng

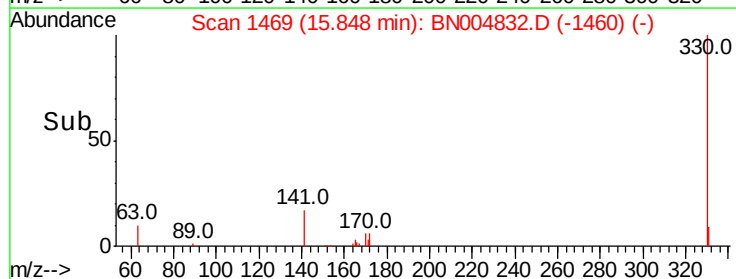
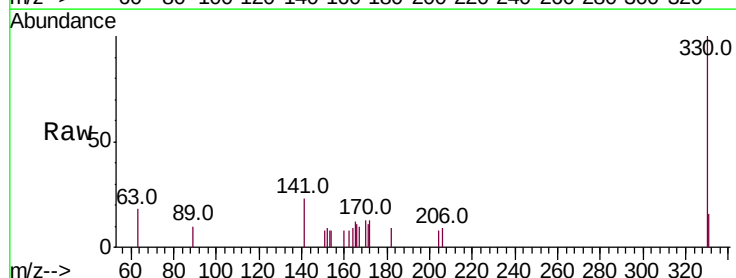
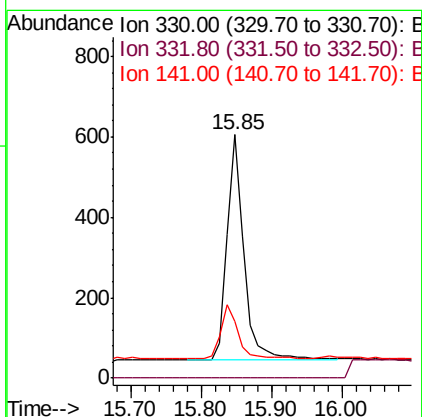
RT: 15.85 min Scan# 1469

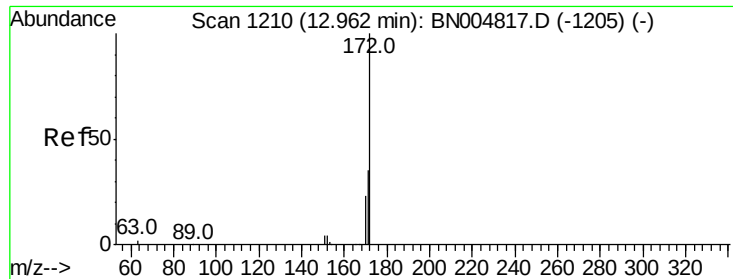
Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Tgt Ion:	330	Resp:	961
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	23.8	20.9	31.3





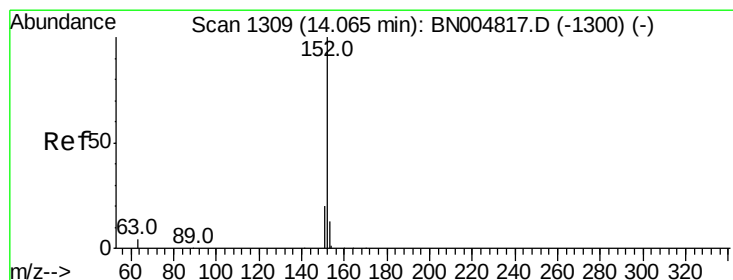
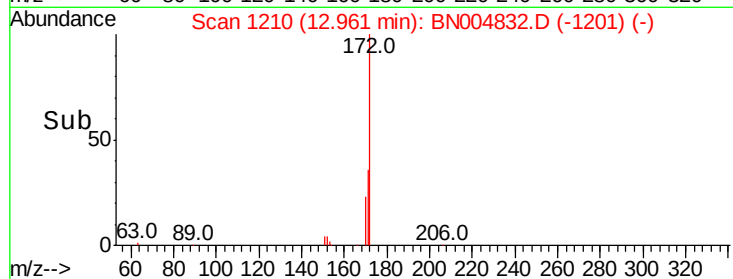
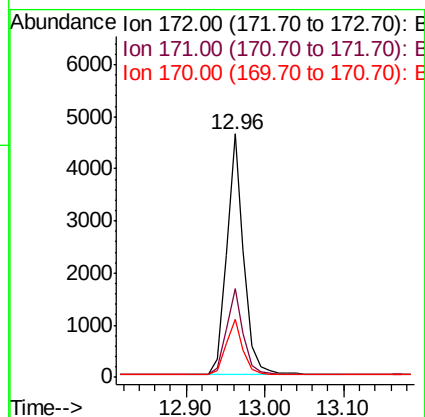
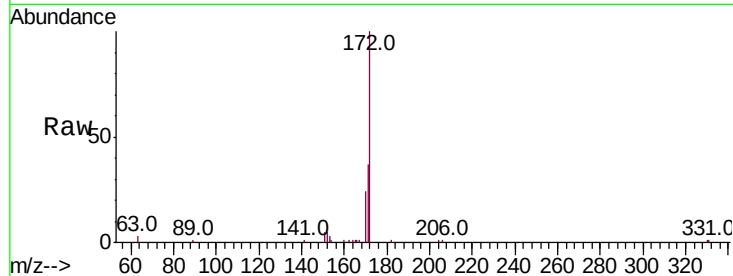
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.7	43.1
170	23.7	18.7	28.1

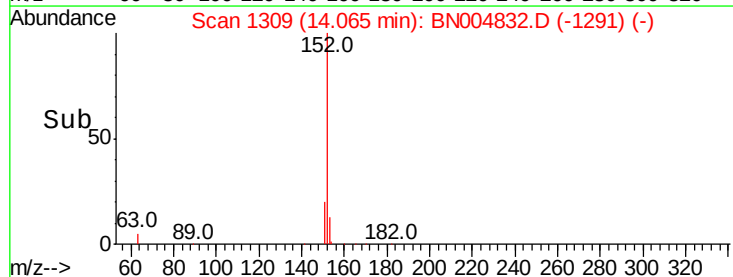
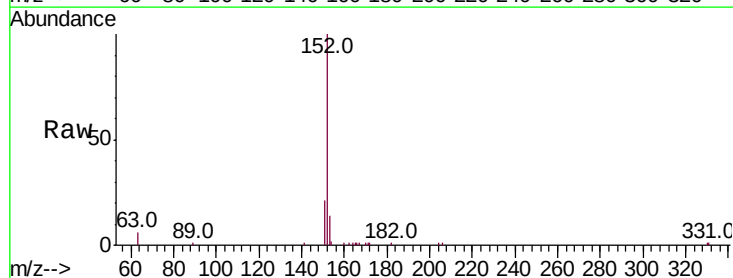
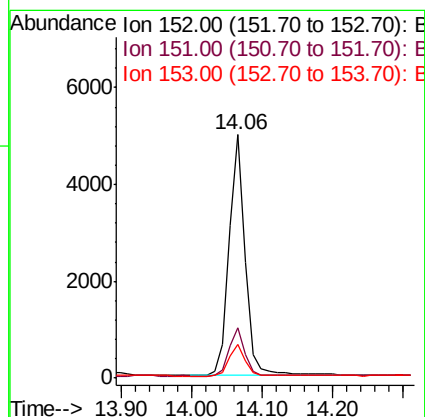
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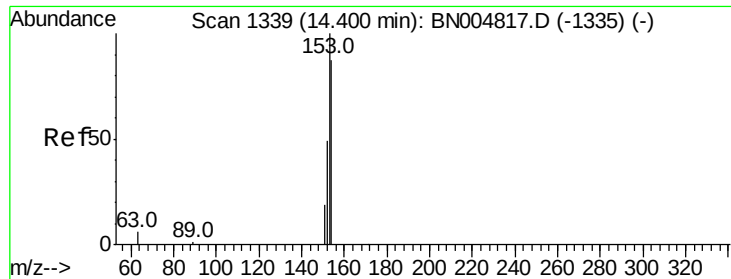
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#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.06 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	13.1	10.5	15.7





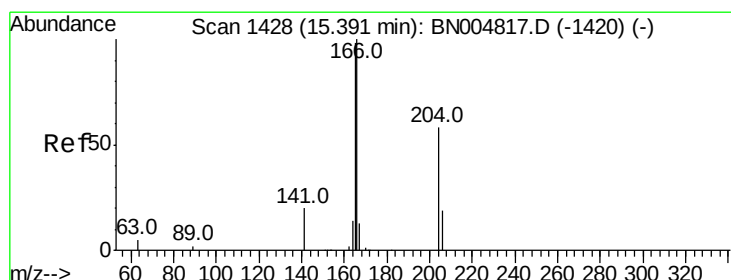
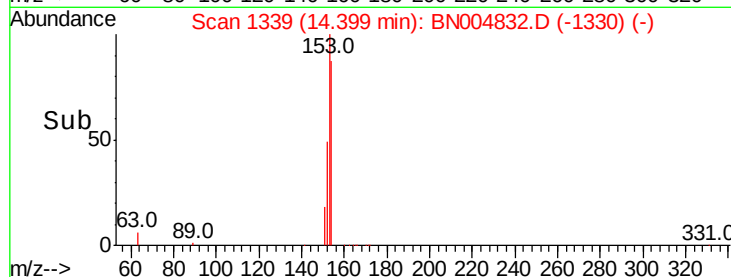
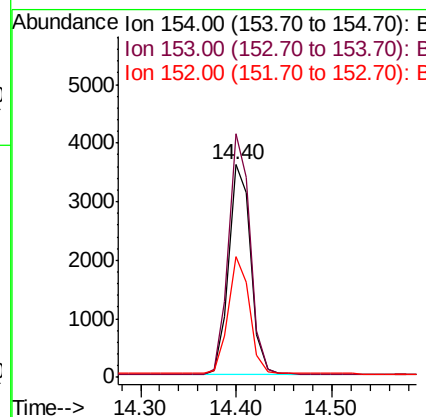
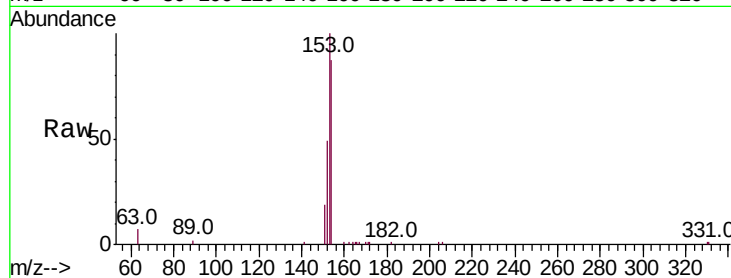
#17
Acenaphthene
Concen: 0.399 ng
RT: 14.40 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.4	137.2
152	54.9	44.2	66.2

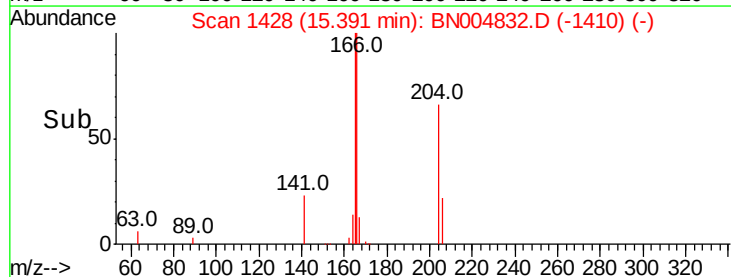
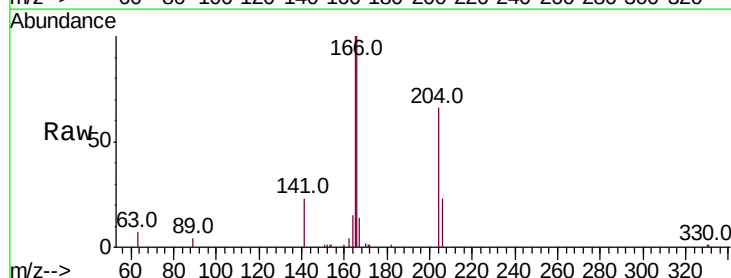
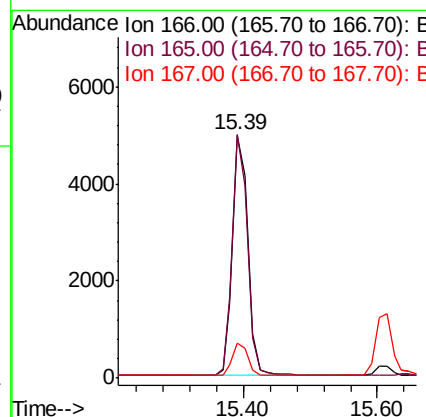
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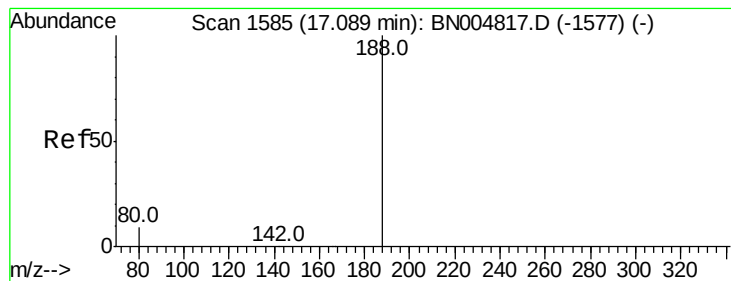
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#18
Fluorene
Concen: 0.397 ng
RT: 15.39 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.2	117.4
167	13.5	11.0	16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

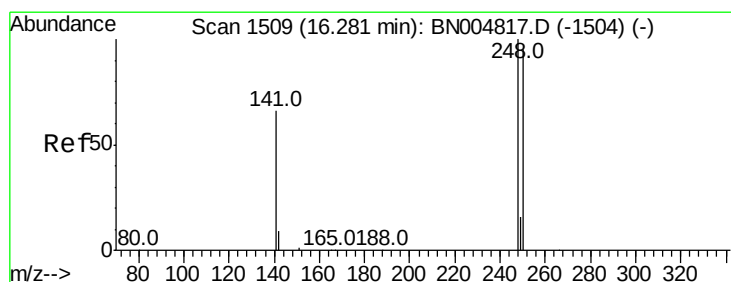
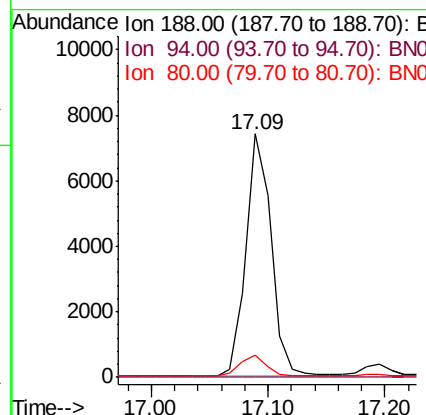
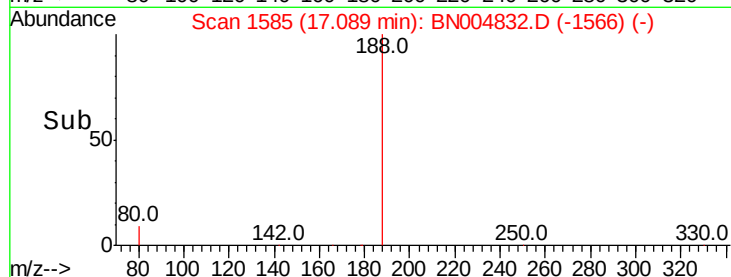
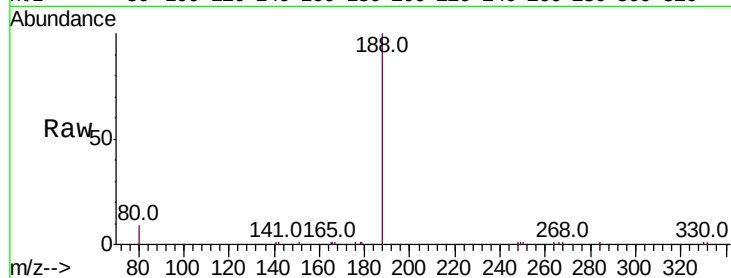
ClientSampled :

PB118052BS

Tot Ion:	188	Resp:	11001
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.3	7.4	11.2

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#20

4-Bromophenyl-phenylether

Concen: 0.391 ng

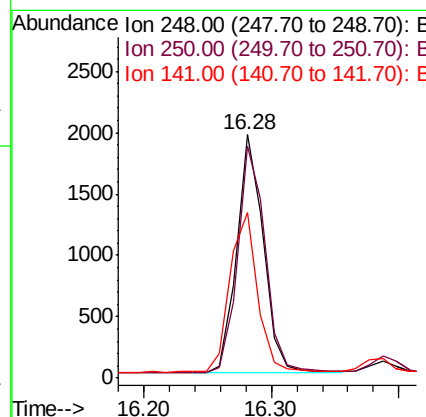
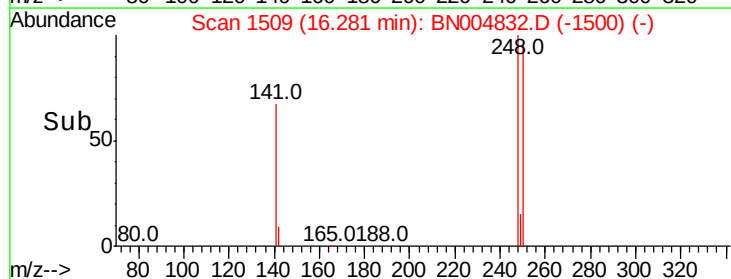
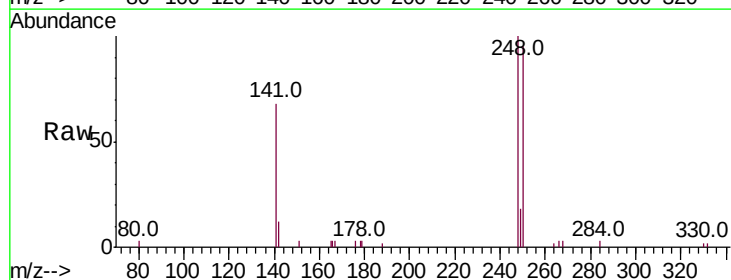
RT: 16.28 min Scan# 1509

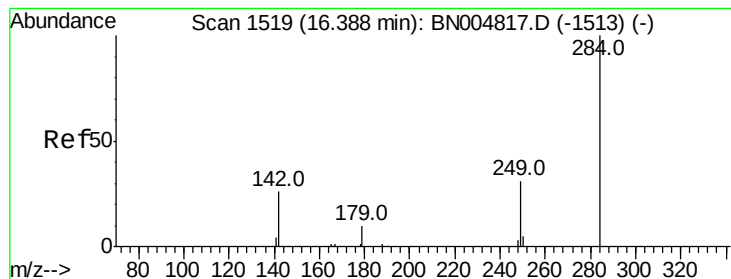
Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Tgt Ion:	248	Resp:	2813
Ion Ratio	Lower	Upper	
248	100		
250	95.4	76.2	114.4
141	68.2	53.9	80.9





#21

Hexachlorobenzene

Concen: 0.408 ng

RT: 16.39 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

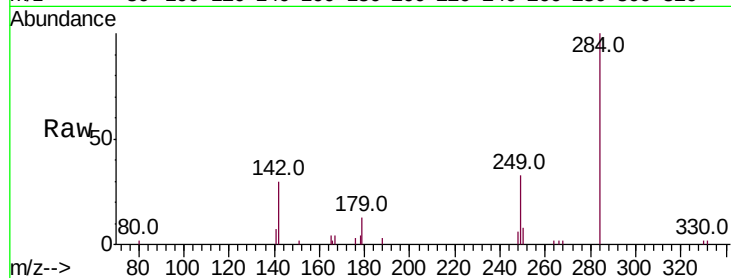
ClientSampleId :

PB118052BS

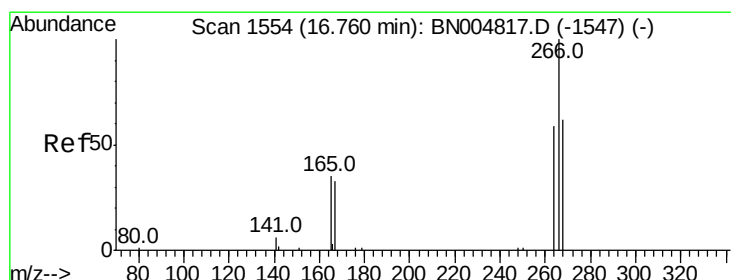
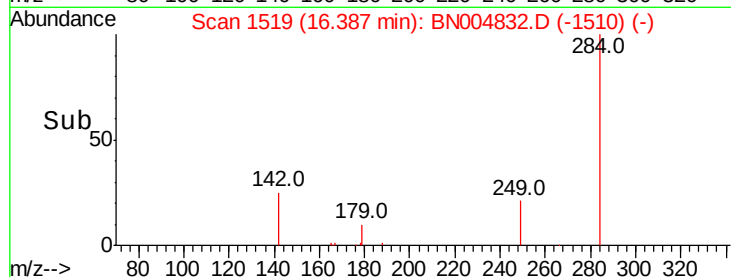
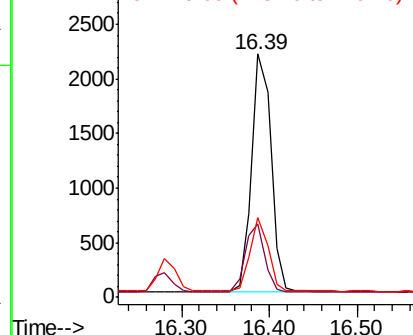
Tot Ion:	284	Resp:	3356
Ion Ratio	Lower	Upper	
284	100		
142	28.3	22.6	34.0
249	29.0	22.5	33.7

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.405 ng m

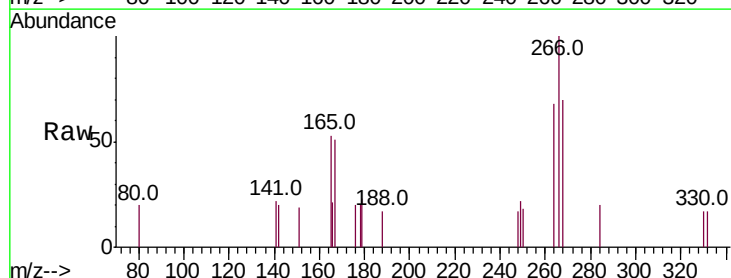
RT: 16.76 min Scan# 1554

Delta R.T. -0.00 min

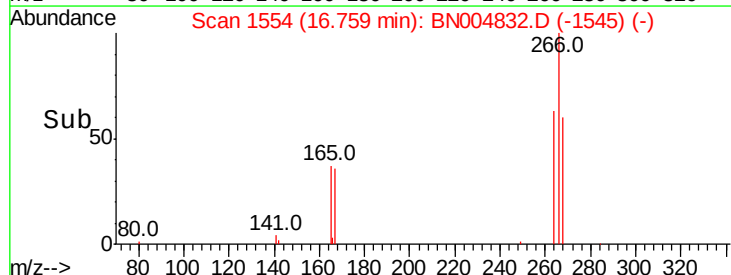
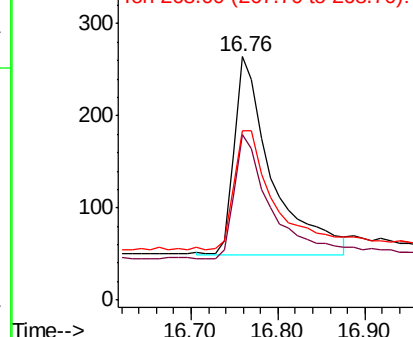
Lab File: BN004832.D

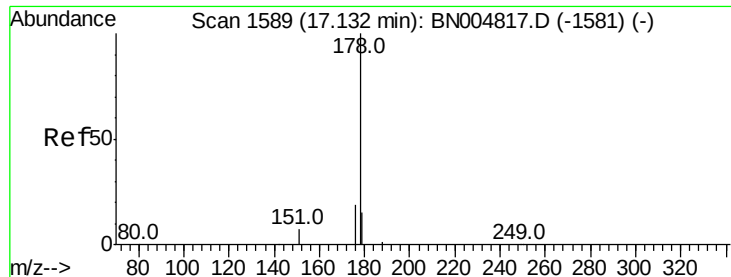
Acq: 20 Mar 2019 22:53

Tgt Ion:	266	Resp:	652
Ion Ratio	Lower	Upper	
266	100		
264	68.2	53.1	79.7
268	69.7	57.7	86.5



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.396 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

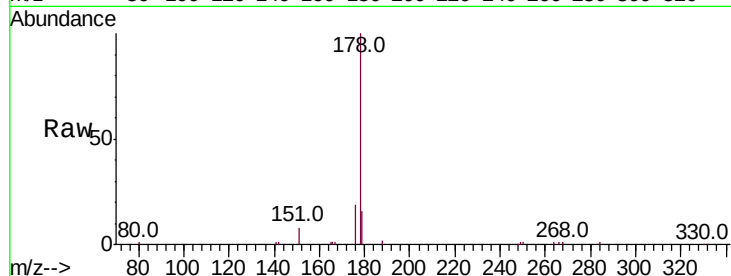
ClientSampleId :

PB118052BS

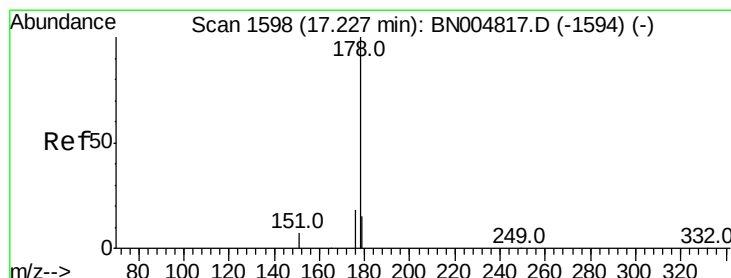
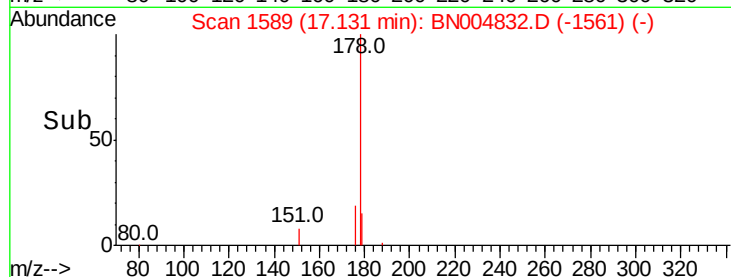
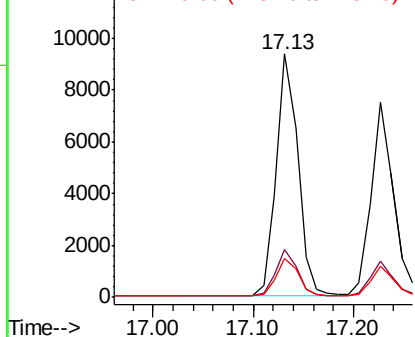
Tot Ion:178	Resp:	14050
Ion Ratio	Lower	Upper
178	100	
176	18.8	14.9 22.3
179	15.7	12.1 18.1

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.376 ng

RT: 17.23 min Scan# 1598

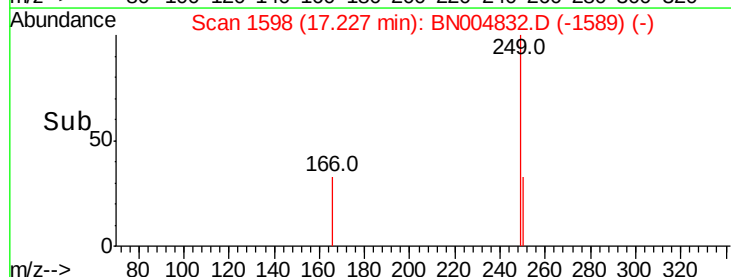
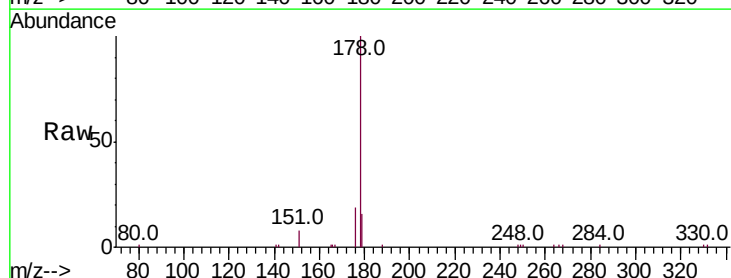
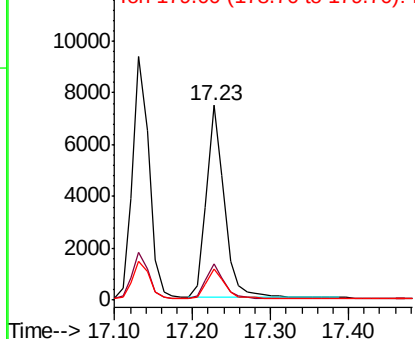
Delta R.T. -0.00 min

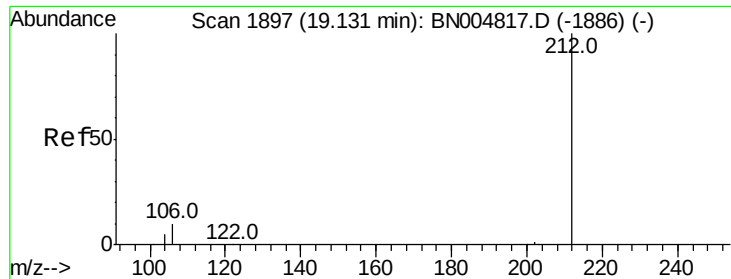
Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Tgt Ion:178	Resp:	11923
Ion Ratio	Lower	Upper
178	100	
176	18.2	14.5 21.7
179	15.3	12.2 18.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 19.13 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

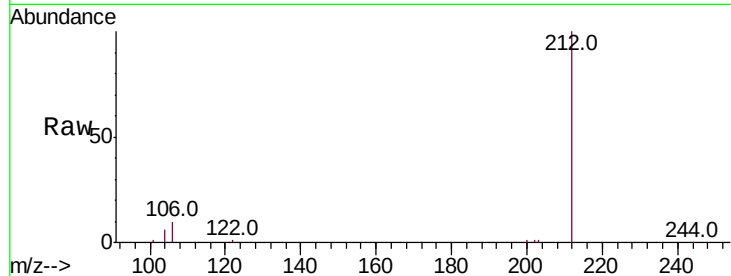
ClientSampled :

PB118052BS

Tot Ion	Ratio	Lower	Upper
212	100		
106	10.5	8.6	13.0
104	5.9	4.7	7.1

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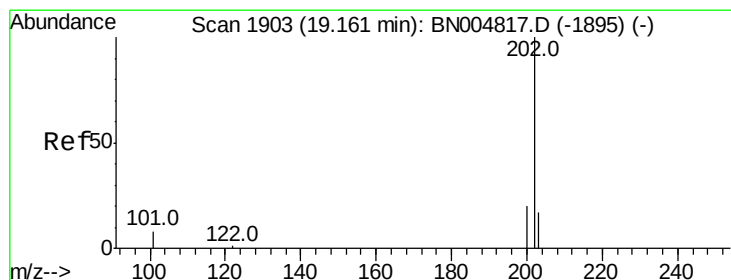
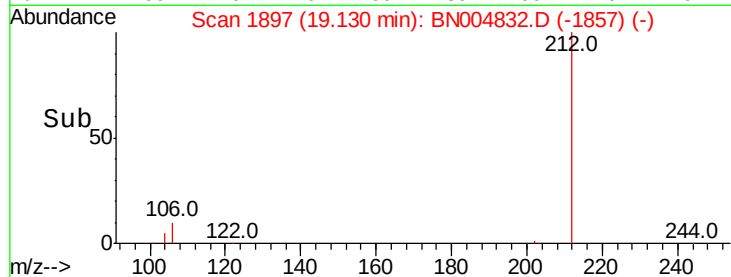
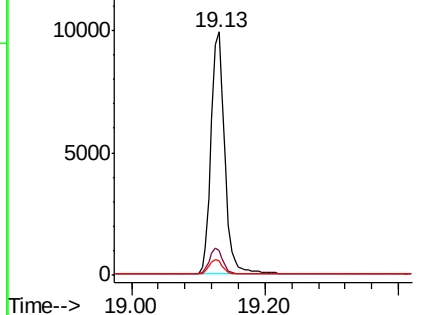
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Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.390 ng

RT: 19.16 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BN004832.D

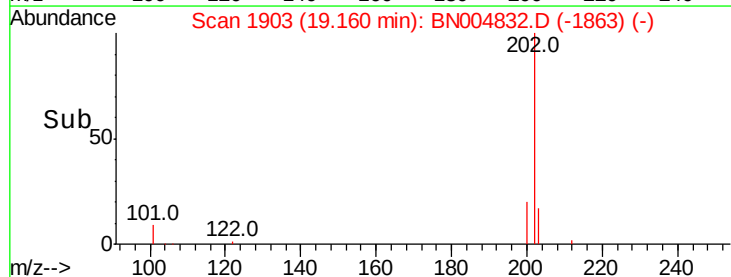
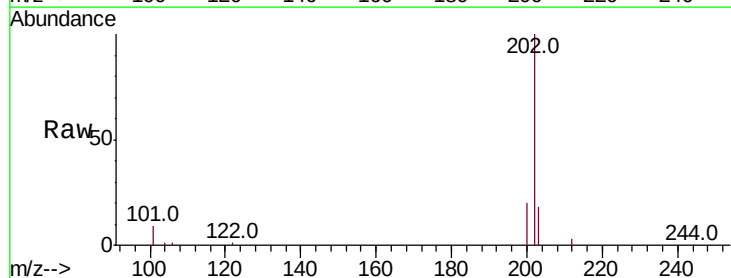
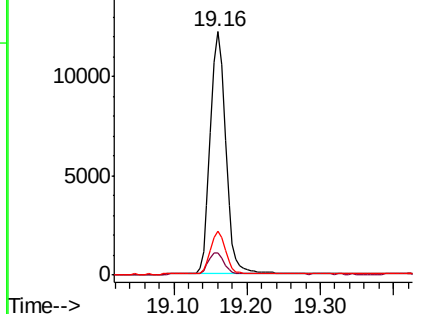
Acq: 20 Mar 2019 22:53

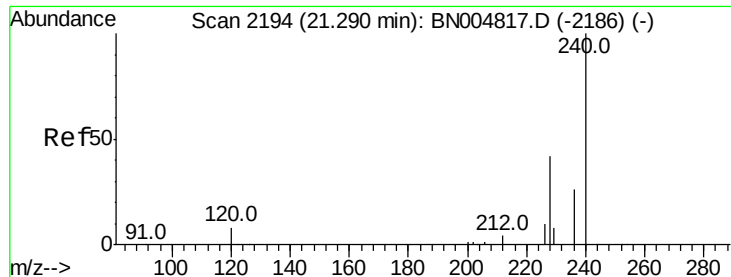
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.5	11.3
203	17.4	13.8	20.6

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





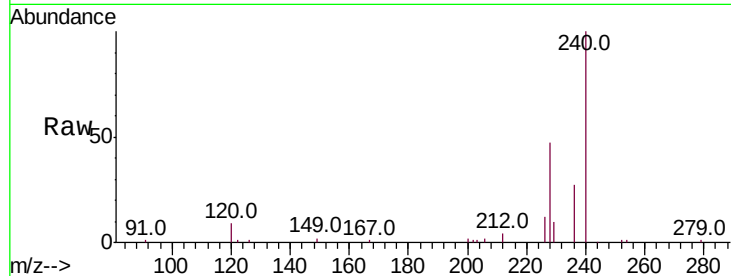
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampleId :
PB118052BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.2	10.8
236	26.5	20.9	31.3

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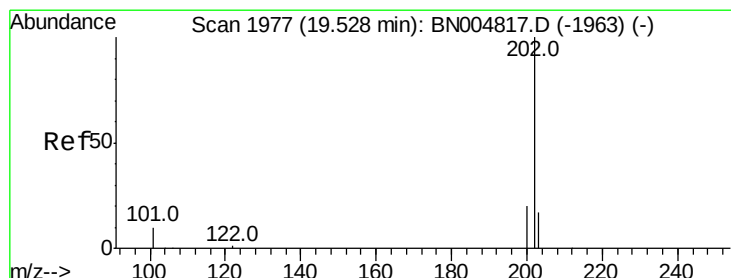
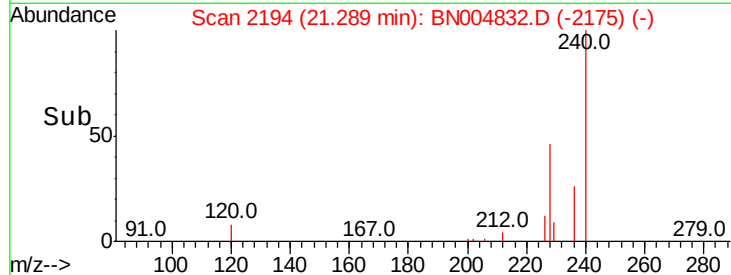
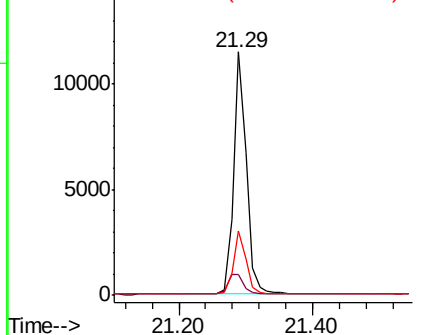


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28
Pyrene
Concen: 0.393 ng
RT: 19.53 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

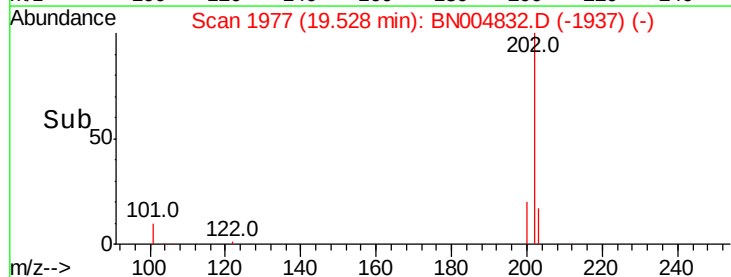
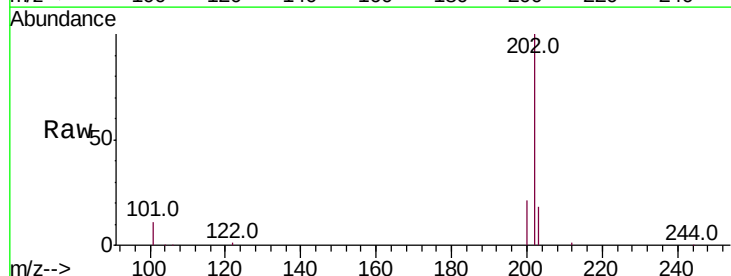
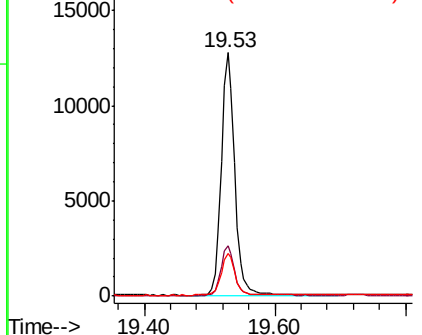
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.9	14.0	21.0

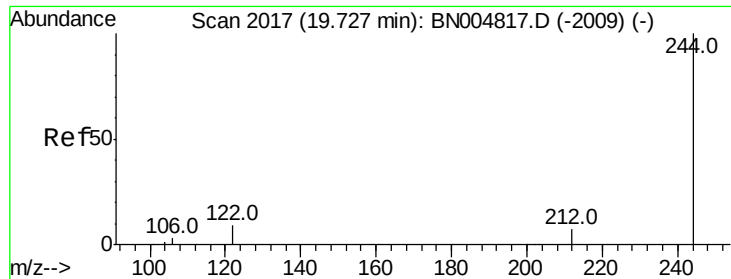
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





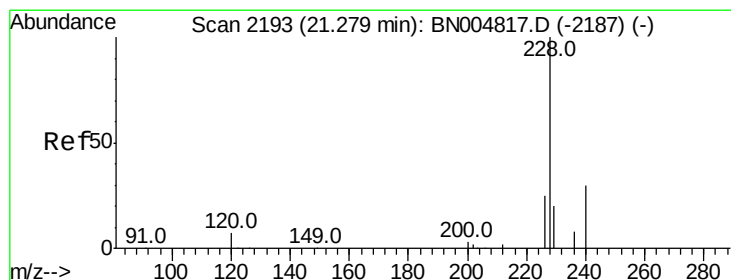
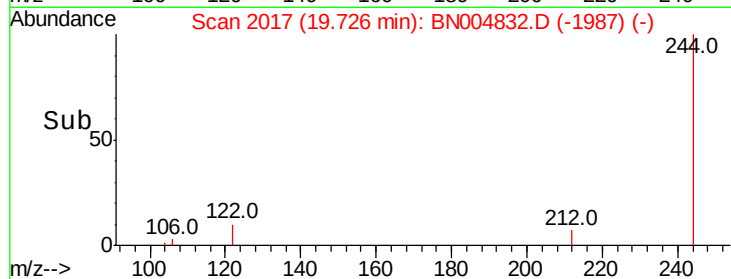
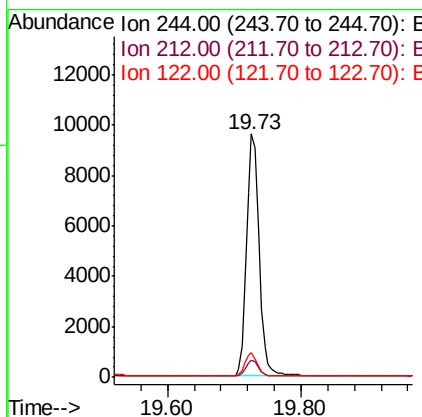
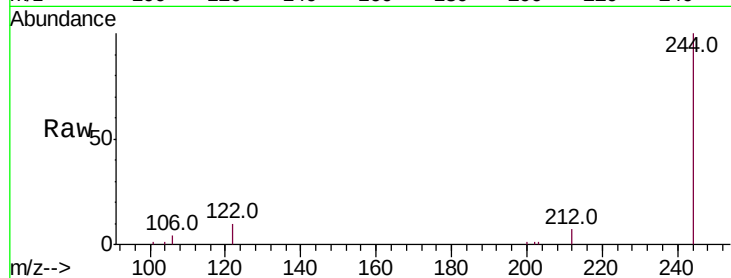
#29
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 19.73 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: BN004832.D
 Acq: 20 Mar 2019 22:53

Instrument :
 BNA_N
 ClientSampleId :
 PB118052BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	10.1	7.9	11.9

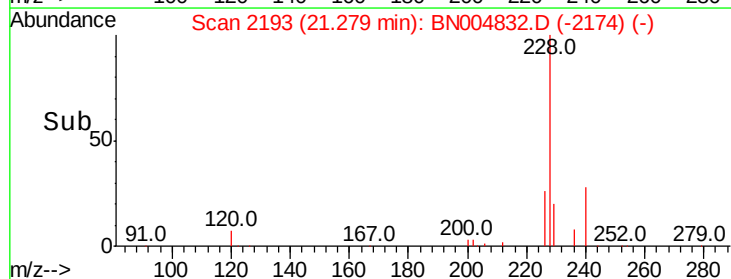
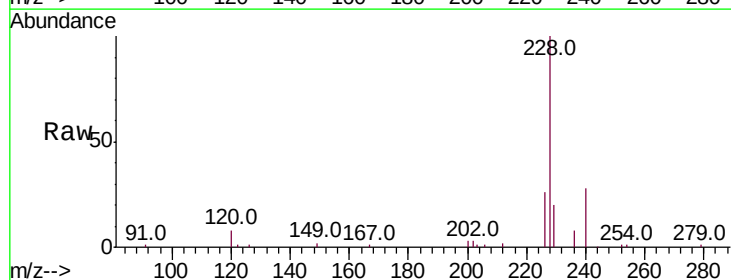
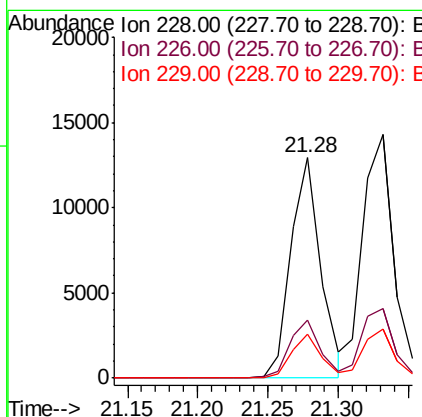
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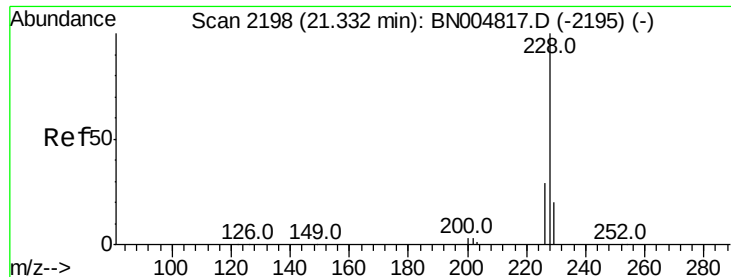
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#30
 Benzo(a)anthracene
 Concen: 0.378 ng
 RT: 21.28 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: BN004832.D
 Acq: 20 Mar 2019 22:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.3	20.6	31.0
229	20.1	16.2	24.4





#31

Chrysene

Concen: 0.415 ng

RT: 21.33 min Scan# 2198

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

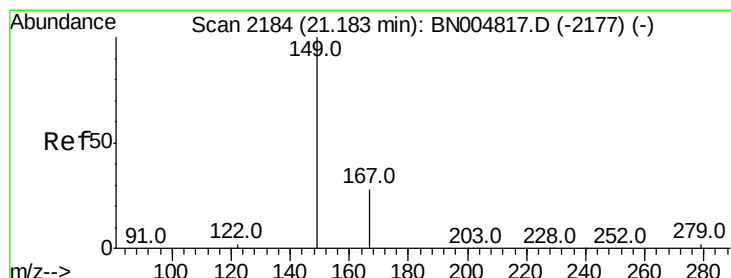
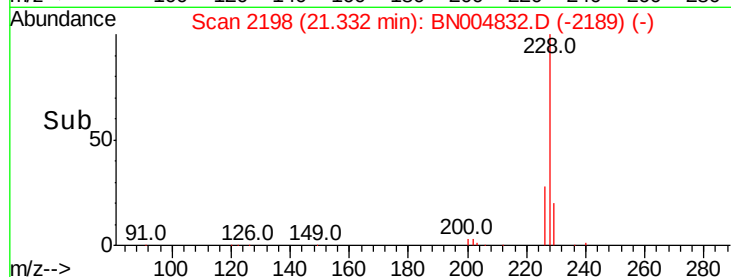
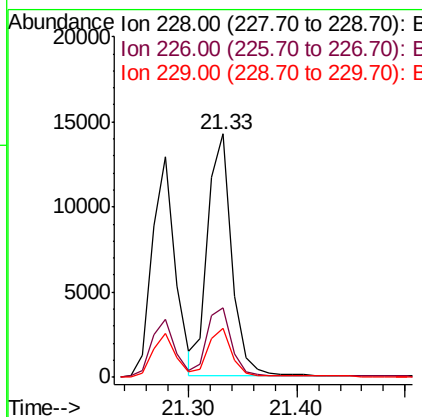
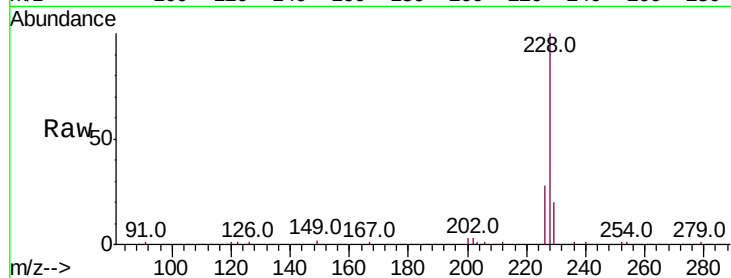
ClientSampleId :

PB118052BS

Tot Ion:	228	Resp:	21946
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.0	34.6
229	19.9	16.2	24.2

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.384 ng

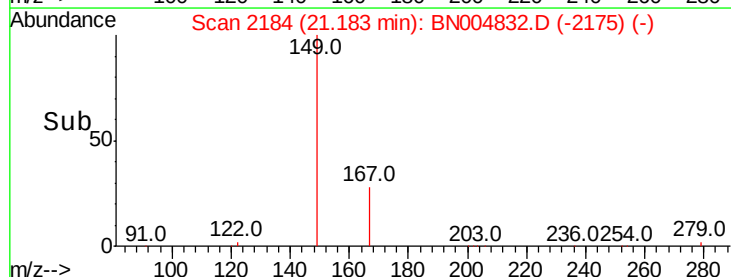
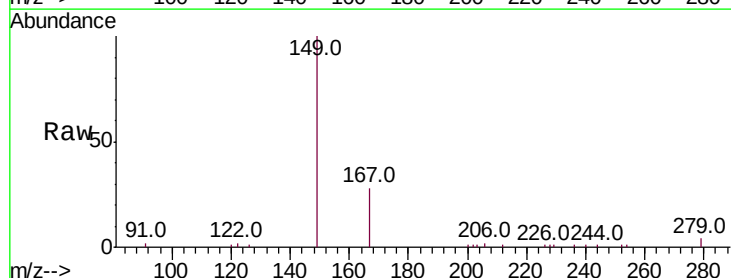
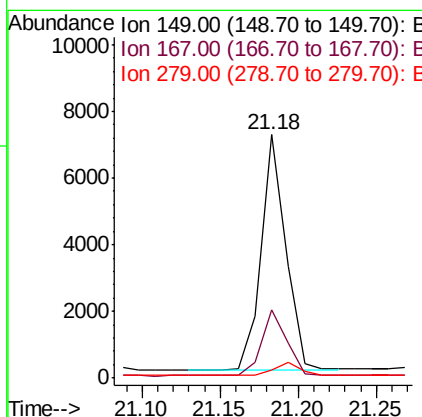
RT: 21.18 min Scan# 2184

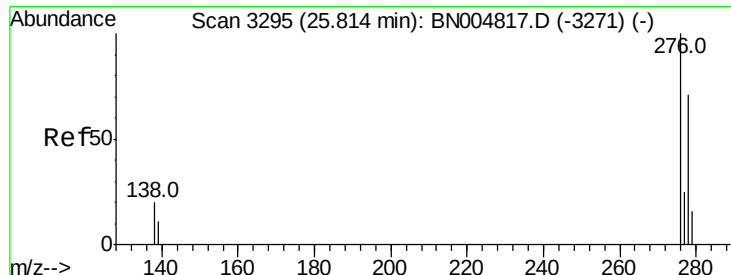
Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Tgt Ion:	149	Resp:	7711
Ion Ratio	Lower	Upper	
149	100		
167	28.8	23.0	34.4
279	5.8	4.6	6.8





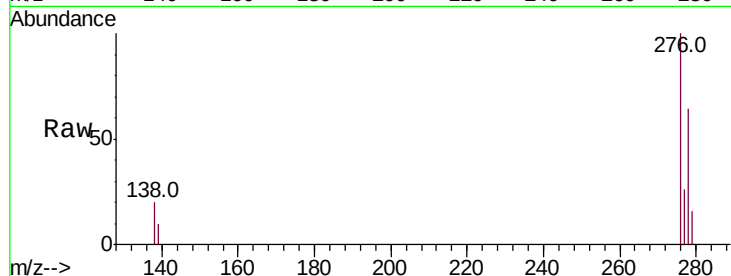
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.408 ng
 RT: 25.81 min Scan# 3295
 Delta R.T. -0.00 min
 Lab File: BN004832.D
 Acq: 20 Mar 2019 22:53

Instrument :
 BNA_N
 ClientSampled :
 PB118052BS

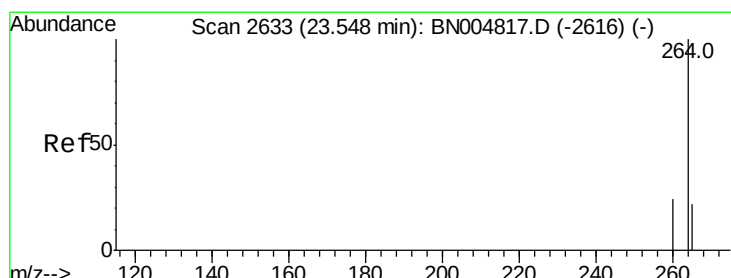
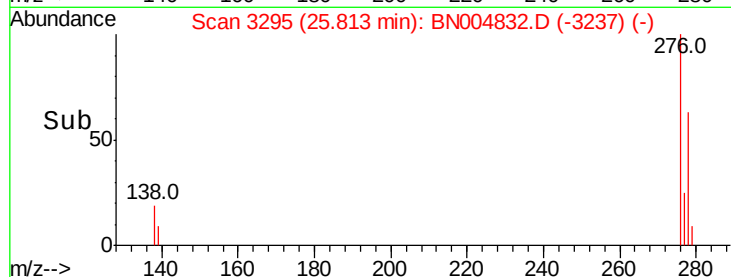
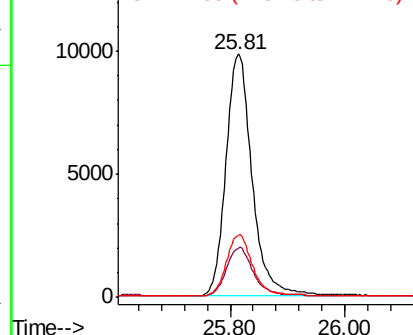
Tot Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.6	24.8
277	25.6	20.3	30.5

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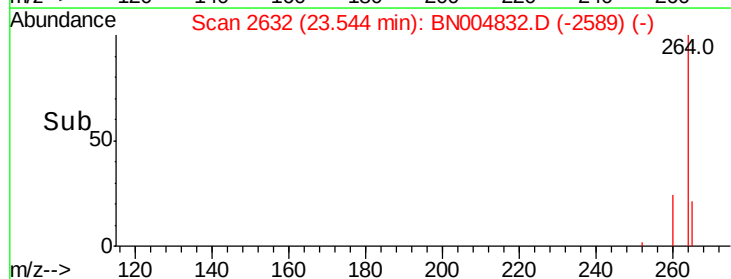
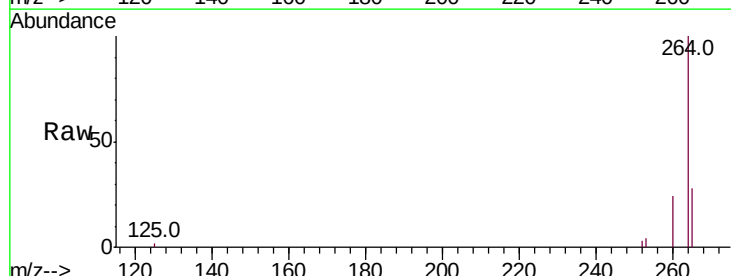
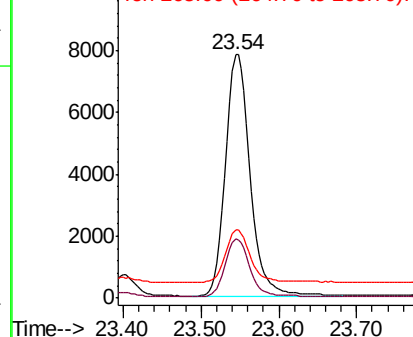
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

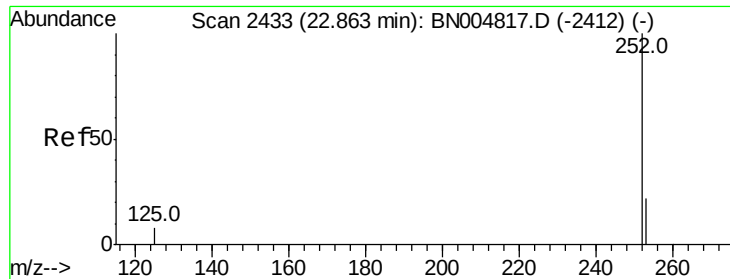


#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.54 min Scan# 2632
 Delta R.T. -0.00 min
 Lab File: BN004832.D
 Acq: 20 Mar 2019 22:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	27.8	23.1	34.7

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.409 ng

RT: 22.86 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

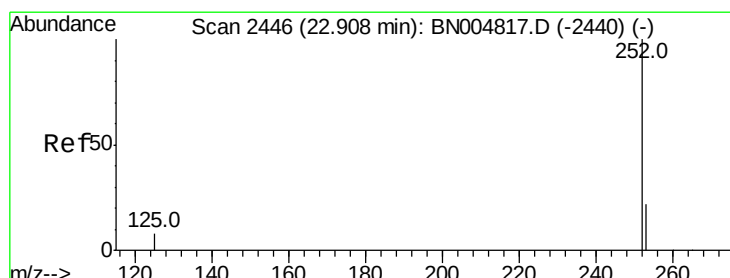
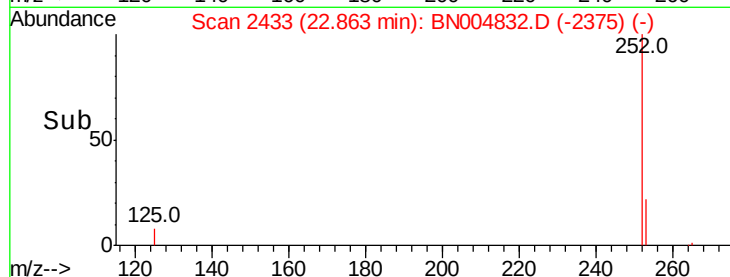
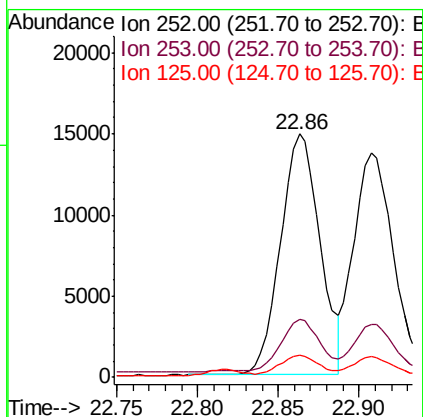
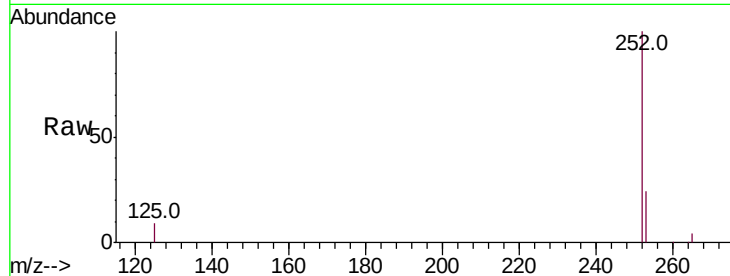
ClientSampleId :

PB118052BS

Tot Ion:	252	Resp:	25291
Ion Ratio	Lower	Upper	
252	100		
253	23.8	19.0	28.4
125	9.0	7.4	11.2

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#36

Benzo(k)fluoranthene

Concen: 0.393 ng

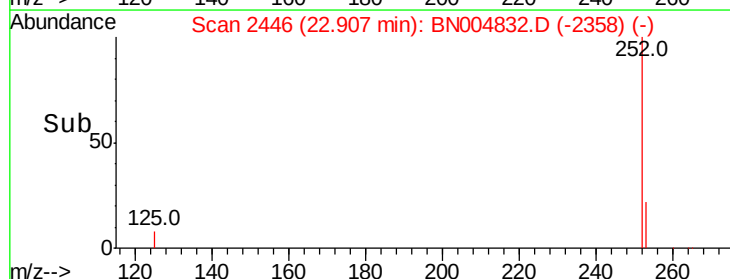
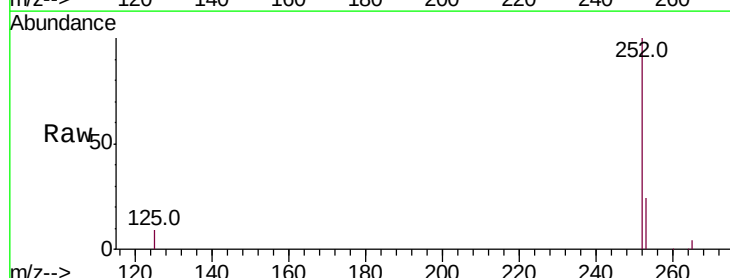
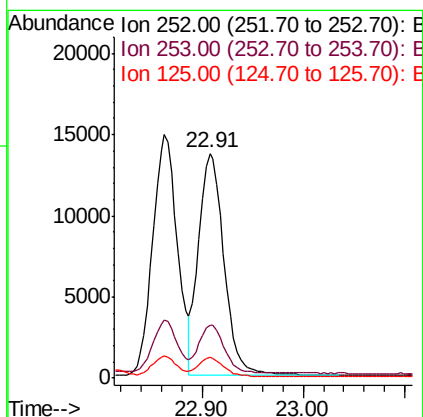
RT: 22.91 min Scan# 2446

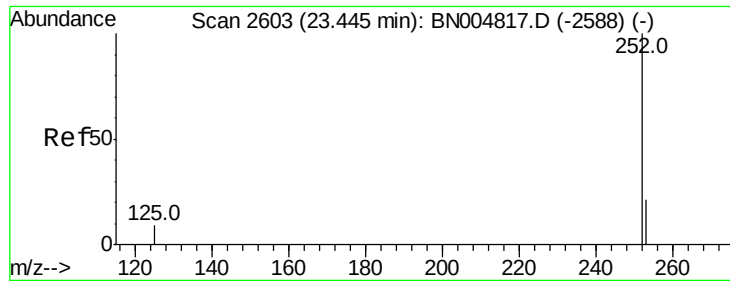
Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Tgt Ion:	252	Resp:	23940
Ion Ratio	Lower	Upper	
252	100		
253	23.7	19.3	28.9
125	9.0	7.4	11.0





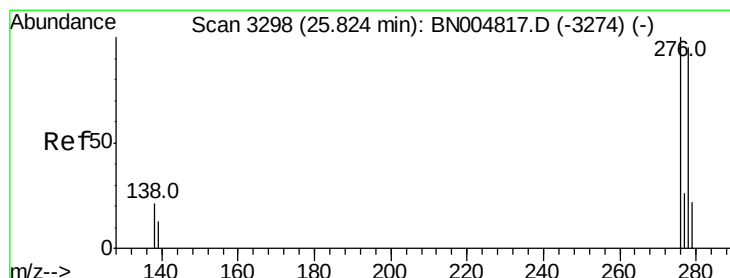
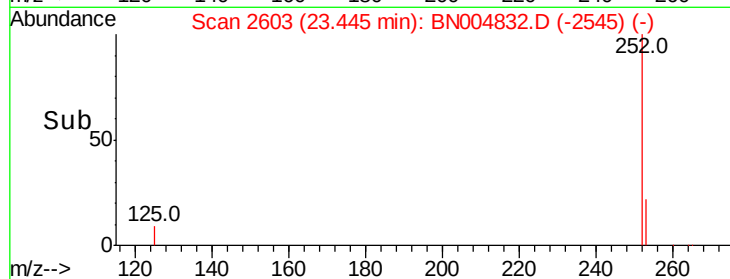
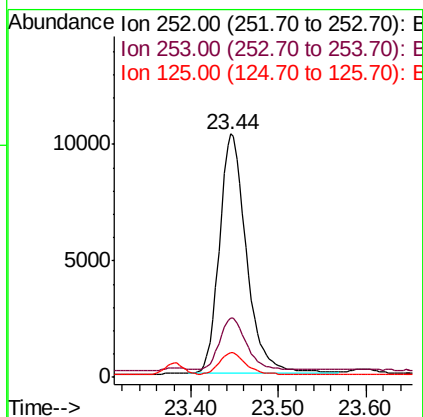
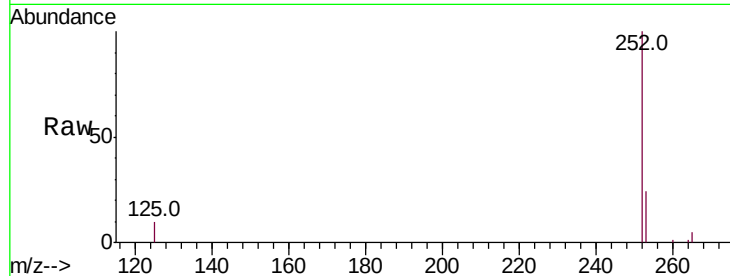
#37
Benzo(a)pyrene
Concen: 0.393 ng
RT: 23.44 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Instrument :
BNA_N
ClientSampled :
PB118052BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.7	29.5
125	10.3	8.3	12.5

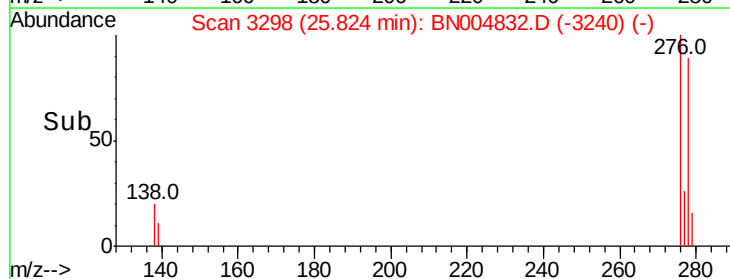
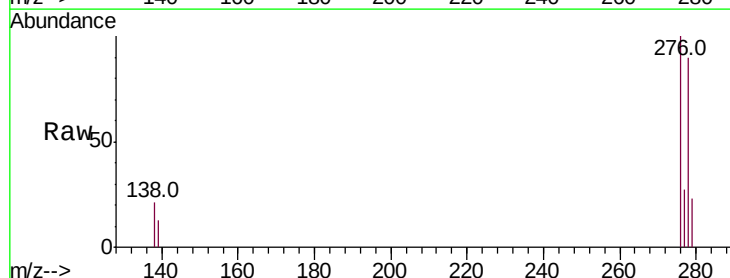
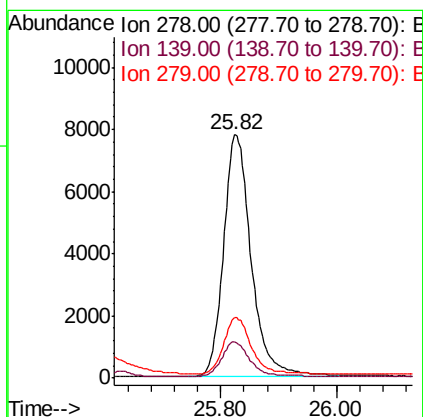
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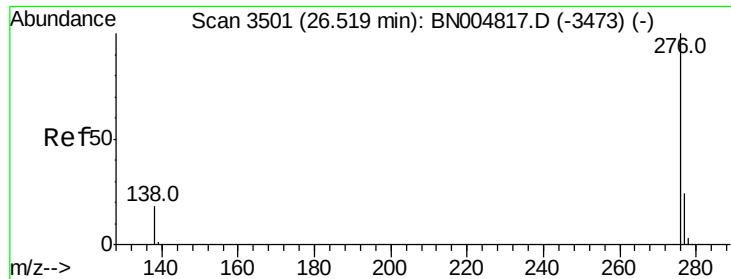
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#38
Dibenzo(a,h)anthracene
Concen: 0.391 ng
RT: 25.82 min Scan# 3298
Delta R.T. -0.00 min
Lab File: BN004832.D
Acq: 20 Mar 2019 22:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.7	17.5
279	25.1	19.9	29.9





#39

Benzo(a,h,i)perylene

Concen: 0.387 ng

RT: 26.52 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BN004832.D

Acq: 20 Mar 2019 22:53

Instrument :

BNA_N

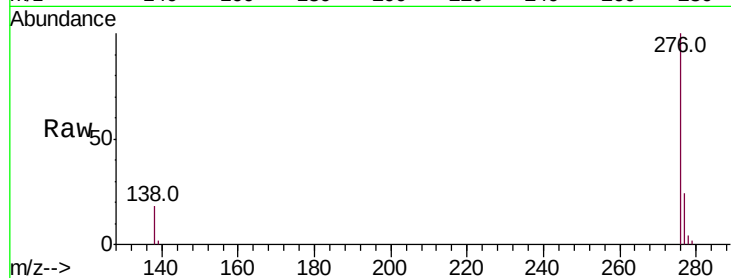
ClientSampleId :

PB118052BS

Tot Ion:	276	Resp:	25883
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.7	29.5
138	18.4	14.6	22.0

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

